

**INFLUENCE OF MYCORRHIZAL SYNTHESIS DURING *IN VITRO* DEVELOPMENT OF
ALNUS GLUTINOSA (L.) GAERTN. PLANTS**

Evangelos Barbas* and Konstantina Tziertidou

Laboratory of Forest Genetics and Tree Improvement, Aristotle University of Thessaloniki,
54124 Thessaloniki, Greece, *Fax: +30 231099277, *E-mail: vbarbas@for.auth.gr

REFERENCES

- Grellier B., Letouzé R., Strullu D. G. (1984). Micropropagation of birch and mycorrhiza formation *in vitro*. *New Phytologist*, 97: 591-599.
- Martins A., Barroso J., Pais M. S. (1996). Effect of ectomycorrhizal fungi on survival and growth of micropropagated plants and seedlings. *Mycorrhiza*, 6: 265-270.
- Martins A., Casimiro A., Pais M. S. (1997). Influence of mycorrhization on physiological parameters of micropropagated *Castanea sativa* Mill. plants. *Mycorrhiza*, 7: 161-165.
- Massicote H. B., Melville L. H., Peterson R. L. (1999). Comparative studies of ectomycorrhiza formation in *Alnus glutinosa* and *Pinus resinosa* with *Paxillus involutus*. *Mycorrhiza*, 8: 229-240.
- McCown B. H., Lloyd G. (1981). Woody plant medium (WPM). A mineral nutrient formation for microculture of woody plant species. *Hortscience*, 16: 453.
- Normand L., Bartschi H., Debaud J.-C., Gay G. (1996). Rooting and acclimatization of micropropagated cuttings of *Pinus pinaster* and *Pinus sylvestris* are enhanced by the ectomycorrhizal fungus *Hebeloma cylindrosporum*. *Physiologia Plantarum*, 98: 759-766.
- Subhan S., Sharmila P., Pardha Saradhi P. (1998). *Glomus fasciculatum* alleviates transplantation shock of micropropagated *Sesbania sesban*. *Plant Cell Reports*, 17: 268-272.
- Yamada A., Maeda K., Kobayashi H., Murata H. (2006). Ectomycorrhizal symbiosis *in vitro* between *Tricholoma matsutake* and *Pinus densiflora* seedlings that resembles naturally occurring "shiro". *Mycorrhiza*, 16: 111-116.